

Exhibit 3

UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF FLORIDA
CIVIL DIVISION

DEVIN FILIPPELLI as
Personal Representative of the
ESTATE OF KRYSTAL TALAVERA,
on behalf of the Estate and her Survivors,

CASE NO.: 9:22-cv-81731

Plaintiff,

v.

GROW, LLC (d/b/a KD INCORPORATED
and THE KRATOM DISTRO); and SEAN
MICHAEL HARDER, individually.

Defendants.

EXPERT REPORT OF JOSEF THUNDIYIL, M.D.
REGARDING KRYSTAL TALAVERA

I. ASSIGNMENT AND RESERVATION

I have been asked to provide expert opinions, on behalf of Plaintiff the ESTATE OF KRYSTAL TALAVERA, regarding the wrongful death of Krystal Talavera. This report opines on Ms. Talavera's death and the cause of her death, including the impact of causative nature of Defendants GROW, LLC's and SEAN MICHAEL HARDER's kratom products.

I reserve the right to rephrase or alter my opinions as additional information is received. At the time of drafting this report, I did not have the ability to review any deposition testimony of any witness. Deposition testimony of treating physicians, including Palm Beach County Medical Examiner Dr. Terrill Tops, Defendants, and other witnesses will be relevant to this report and my opinions. As such, I reserve the right to supplement this report when further data, documents, or information becomes available and/or to correct it if errors are discovered. Further, at trial, I may use visual aids or demonstrative exhibits, such as diagrams, images, slides, or charts that illustrate and/or explain my opinions.

II. QUALIFICATIONS

I am a licensed medical doctor practicing in the state of Florida with Board Certifications in Emergency Medicine, Medical Toxicology, and Occupational and Environmental Medicine. I have over 20 years of clinical experience with independent practice. For the purposes of this case, I present myself as an expert in both acute management of medical conditions (Emergency Medicine) and the effects of chemicals and substances on the human health (Medical Toxicology). As an emergency physician, I treat patients with substance abuse, alcohol abuse, and altered mentation on a regular basis. As a toxicologist, I regularly evaluate and treat patients who suffer from the effects of the interplay of substances.

I am currently the Residency Program Director at the Department of Emergency Medicine of the Orlando Regional Medical Center, where I also serve as a member of the Medical Toxicology Core Faculty. I am the Chairman of the Hospital's Institutional Review Board. In addition to my duties at the Orlando Regional Medical Center, I also serve as a Professor of Emergency Medicine at the University of Central Florida, College of Medicine; as an Assistant Clinical Professor of Medical Toxicology at the Florida Poison Control Center at the University of Florida in Jacksonville, Florida; and as an Assistant Clinical Professor at Florida State University's College of Medicine. I am currently Co-chair of the Orange County Opioid Task Force and was previously Chair of the State of Florida Opioid Task Force. I am currently on the Board of Directors for the Florida College of Emergency Physicians.

After earning my medical degree from Northwestern University Medical School in Chicago, Illinois, I completed my internship and residency at the Orlando Regional Medical Center in Orlando, Florida. I then continued my specialty training with fellowships in medical toxicology and occupational and environmental medicine from the University of California, San Francisco. I received a Master's Degree in Public Health from the University of California, Berkeley. I am currently licensed to practice medicine in Florida. I am a current Fellow of the American College of Emergency Medicine and American College of Medical Toxicology. I have attached, as Exhibit "A," a copy of my Curriculum Vitae which fully outlines my clinical, research, and publication history and experience.

My experience and background have allowed me to gain extensive insight as to the clinical outcomes associated with overdose deaths, including the substance at issue here, kratom (*mitragynine speciosa*) and the marketing of those products.

To the best of my knowledge, I have never been disqualified as an expert witness, nor had my opinions stricken.

III. REVIEW AND SYNOPSIS OF OPINIONS

- a. I agree with the Medical Examiner Report of Associate Medical Examiner Terrill Tops, M.D., and the following findings: i) "Cause of Death: Acute mitragynine intoxication;" ii) "Manner of Death: Accident;" and iii) "Opinion: The decedent died from an acute mitragynine intoxication. At high concentrations, mitragynine produces opioid-like effects; such as, respiratory failure. The manner of death is 'Accident.'"
- b. Defendants failed to warn Krystal Talavera of the risks associated with consumption of kratom.
- c. Krystal Talavera did not cause her own death.

IV. BACKGROUND MATERIALS REVIEWED AND/OR RELIED UPON

- a. Plaintiff's Amended Complaint for Wrongful Death and Demand for Jury Trial.
- b. State of Florida, Bureau of Vital Statistics, Certification of Death, issued April 28, 2022.
- c. Palm Beach County Medical Examiner Report (Case No. M21-01109) and accompanying photos.
- d. Palm Beach County Coroner Forensic Investigator Report (Case No. M21-01109).
- e. AXIS Forensic Toxicology testing report (Laboratory Case No. 3225238).
- f. Bethesda Health East hospital chart for admission of Krystal Talavera on 06/20/2021.
- g. Palm Beach County Fire Rescue report (Incident: PBC21068676).
- h. Palm Beach County Sheriff's Office Incident Details (Report No. 21077836).
- i. Palm Beach County Sheriff's Office Offense Report and accompanying photos (Case No. 21077836).
- j. Audio of Palm Beach County 911 call regarding Case No. 21077836.

- k. Audio of Palm Beach County Sheriff's interviews of: Biagio Vultaggio, Deven Filippelli, and Teresa Hagerty regarding Case No. 21077836.
- l. Photos of the kratom packages found in Krystal Talavera's possession.
- m. Excerpts of the Kratom Distro website.
- n. Food and Drug Administration (FDA) Import Alert 54-15.
- o. Toxicology Report for Estate of Caleb Sturgis, et al. v. Social Herbal Remedies, LLC by Michael J. Whitekus, Ph.D., DABT.
- p. U.S. Dept. of Health and Human Services, Food and Drug Administration, and Center for Drug Evaluation and Research, *Assessment of Abuse Potential of Drugs – Guidance for Industry*, January 2017.
- q. Aggarwal, Geeta, et al., *Death from Kratom toxicity and the possible role of intralipid*, Journal of the Intensive Care Society, Vol. 19(1) 61-63 (2018).
- r. Chang Chien, George C., DO, et al., *Is Kratom the New 'Legal High' on the Block?: The Case of an Emerging Opioid Receptor Agonist with Substance Abuse Potential*, Pain Physician Journal, 20:E195-E198 (2017).
- s. Giroir, Brett. P., MD et al., November 28, 2018, comment on October 17, 2017, letter "Basis for the recommendations to control mitragynine and 7-hydroxymitragynine in Schedule 1 of the Controlled Substances Act."
- t. Henningfield, Jack E., et al., *The abuse potential of kratom according the 8 factors of the controlled substances act: implications for regulation and research*, Psychopharmacology, 235:573-589 (2018).
- u. Henningfield, Jack E., et al., *Risk of death associated with kratom use compared to opioids*, Preventive Medicine, 128:105851 (2019).
- v. Hill, Rob, et al., *The respiratory depressant effects of mitragynine are limited by its conversion to 7-OH mitragynine*, Br. J. Pharmacol., 179:3875-3885 (2022).

- w. Papsun, Donna M., *The Trouble with Kratom: Analytical and Interpretative Issues Involving Mitragynine*, Journal of Analytical Toxicology, 1-15 (2019).
- x. Wilson, Lisa L., et al., *Lyophilized Kratom Tea as a Therapeutic Option for Opioid Dependence*, Drug and Alcohol Dependence, Vol. 216, 108310 (2020).
- y. Kamble, Shyam H., et al., *Exploration of cytochrome P450 inhibition mediated drug-drug interaction potential of kratom alkaloids*, Toxicology Letters, 319, 148-154 (2019).
- z. Kamble, Shyam H., et al., *Metabolism of a Kratom Alkaloid Metabolite in Human Plasma Increases Its Opioid Potency and Efficacy*, ACS Pharmacol. Transl. Sci., 6:1063-1068 (2020).
- aa. Muller, Elisabeth, et al., *Kratom instrumentalization for severe pain self-treatment resulting in addition – A case report of acute and chronic subjective effects*, Heliyon (2020).
- bb. Singh, Darsahn, et al., *Current and Future Potential Impact of COVID-19 on Kratom (Mitragyna speciosa Korth.) Supply and Use*, Frontiers in Psychiatry, Vol. 11, Art. 574483 (2020).
- cc. Mohammad Farris Iman Leong Bin Abdullah and Darshan Singh, *Assessment of Cardiovascular Functioning Among Regular Kratom (Mitragyna speciosa Korth) Users: A Case Series*, Frontiers in Pharmacology, Vol. 12, Art. 723567 (2021).
- dd. Mohammad Farris Iman Leong Bin Abdullah and Darshan Singh, *The Adverse Cardiovascular Effects and Cardiotoxicity of Kratom (Mitragyna speciosa Korth.): A Comprehensive Review*, Frontiers in Pharmacology, Vol. 12, Art. 726003 (2021).
- ee. Damodaran, Thenmoly, et al., *Comparative Toxicity Assessment of Kratom Decoction, Mitragynine and Speciociliatine Versus Morphine on Zebrafish (Danio rerio) Embryos*, Frontiers in Pharmacology, Vol. 12, Art. 714918 (2021).
- ff. Henningfield, Jack E., et al., *Kratom Abuse Potential 2021: An Updated Eight Factor Analysis*, Frontiers in Pharmacology, Vol. 12, Art. 775073 (2022).
- gg. McCurdy, Christopher R., *Kratom: What science is discovery about the risks and benefits of a controversial herb*, The Conversation, Jan. 22, 2021.

- hh. Prevete, Elisabeth, et al., *A systematic review of (pre)clinical studies on the therapeutic potential and safety profile of kratom in humans*, Hum Psychopharmacol Clin Exp., e2805 (2021).
- ii. Buckhalter, Shoshana, *The Antidepressant-Like and Analgesic Effects of Kratom Alkaloids are accompanied by Changes in Low Frequency Oscillations but not Δ FosB Accumulation*, Frontiers in Pharmacology, Vol. 12, Art. 696461 (2021).
- jj. Henningfield, Jack E., et al., *Respiratory effects of oral mitragynine and oxycodone in a rodent model*, Psychopharmacology, 239:3793-3804 (2022).
- kk. Stanciu, Cornel, et al., *Kratom as an opioid alternative: harm, or harm reduction? A systematic review of literature*, The American Journal of Drug and Alcohol Abuse (2022).
- ll. Swogger, Marc T., et al., *Understanding Kratom Use: A Guide for Healthcare Providers*, Frontiers in Pharmacology, Vol. 13, Art. 801855 (2022).
- mm. World Health Organization, *Pre-Review Report: Kratom (Mytragyna speciosa), mitragynine, and 7-hydroxymitragynine*, Expert Committee on Drug Dependence, Forty-fourth Meeting, Geneva, 11-15 October 2021.

Any of the above noted material may be used as exhibits to summarize or support my opinions herein.

V. OPINIONS AND BASIS THEREOF

These opinions are given to a reasonable degree of medical certainty.

a. Krystal Talavera's cause of death is: acute mitragynine intoxication.

Kratom is the common term for *Mitragyna speciosa*, a tree that is native to Southeast Asia. In traditional preparations, kratom leaves are used in tea as an herbal medicine for various medical conditions including pain and increased energy. In the United States, the commercially sold kratom often takes the form of processed powders and extracts. Both the effect and toxicity of kratom are dose related.

Kratom is considered a drug of concern by the US Drug Enforcement Administration, and the FDA has issued an Import Alert identifying kratom as a New Dietary Ingredient (NDI) for which a reasonable expectation of safety has not been established.

Kratom leaves produce over 25 alkaloid compounds. The most prominent psychoactive components are: (1) mitragynine (MTG); and (2) 7-hydroxymitragynine (7HMG). Both MTG and 7HMG are partial agonists at the mu-opioid receptor, with 7HMG considered nine times more active than MTG. Most of the clinical effects of mitragynine are related to the mu-opioid receptor activity, although mitragynine has been reported to bind to other receptors including adrenergic, serotonin and dopamine receptors. Kratom action on opioid receptors is similar to other opiates.

Regular consumption of kratom is associated with tolerance and dependency, requiring ingestion of higher doses to achieve similar analgesic effect. At higher doses, kratom has a sedative effect and is associated with respiratory depression. Kratom related deaths involve autopsy findings consistent with opioid toxicity, intractable seizures, or cardiorespiratory arrest.

Often, when an individual dies from elevated opiate levels, the cause is properly attributed to a chronic dependency leading to escalated doses that exceed therapeutic levels. The same process occurs with kratom, with the important exception that those selling the kratom frequently do not provide warnings or safe instructions for use and dosing.

Kratom's adverse effects include severe dependence negatively affecting physical well-being and opioid-like withdrawal symptoms requiring medical intervention after addiction to kratom.

A case report of an individual using kratom for chronic pain documented a pattern of daily kratom consumption in which tolerance development for analgesic effects was overcome by an increase in daily consumption. Ultimately, the high kratom dosing provided less relief and started to induce fatigue and drowsiness and rather prevented the patient from work and an active lifestyle. The patient ultimately required professional help for kratom withdrawal.

On the morning of June 20, 2021, Krystal Talavera (DOB: 08/10/1981) was discovered by her partner, Biagio Vultaggio, face down and unresponsive on the living room floor. Nearby, Defendants' kratom products were discovered. Paramedics were called. EMS records note Ms. Talavera was in Asystole, and resuscitation was attempted via chest compressions and use of automated mechanical compressions. EMS presumed a cardiac event and transported Ms. Talavera to Bethesda Health East. Records from Bethesda Health East note continued efforts at resuscitation, including multiple rounds of CPR and ACLS medication administration. However, Ms. Talavera remained without any pulse, any cardiac activity, or spontaneous respirations or movements, and she was therefore pronounced dead. The investigation of law enforcement did not find signs of foul play or suicide.

The foregoing context supports the conclusion that Krystal Talavera died from a kratom overdose.

My review of the medical and death records stated above indicates medical conditions including hypertensive cardiovascular disease (nephrosclerosis), hepatomegaly, and gastritis. These conditions may have been co-morbidities for Krystal Talavera but were not the primary cause of death. The primary cause of death was acute mitragynine intoxication with a quantified result of 1594 ng/mL, which is within fatal range.

The toxicology results from Axis Labs directly support kratom toxicity as a cause of death. The blood level of mitragynine was 1594 ng/mL, consistent with a lethal level of mitragynine. The toxicology results also show that caffeine, cotinine, and naloxone were positive. These findings are expected in individuals who have ingested coffee and consume nicotine products (giving rise to cotinine). The naloxone was administered by first aid responders according to EMS records.

The toxicology results confirm that the cause of death was directly related to kratom. I conclude from both the historical context and the toxicology results that kratom was the cause of death. This conclusion is being made with a reasonable degree of medical certainty.

b. Defendants failed to warn Krystal Talavera of the risks associated with consumption of kratom.

On its face, Defendants' kratom packaging was completely bereft of any instructions for use. There were no warnings regarding drug-drug interaction, interaction with underlying medical conditions, dependence, or potential for overdose. Therefore, Defendants did not provide warnings or instructions for use with the kratom consumed by Ms. Talavera.

c. Krystal Talavera did not cause her own death.


Krystal Talavera's death was caused by Defendants' kratom, and there is no indication that Ms. Talavera's death was caused by misuse or any fault of Ms. Talavera.

VI. BIAS, COMPENSATION, AND PAST EXPERT TESTIMONY

I have no conflict of interest that would result in bias. I am being reimbursed through Plaintiff's counsel for the work that I am providing as an expert on an hourly basis. I am not employed by any company that dispenses or promotes the use of kratom. I never met Krystal Talavera, nor do I know the Talavera family.

My hourly rate for review and testimony is \$550 per hour in this case, including but not limited to: research, record review, report writing, testimony, preparation, telephone consultation, independent medical examination, or any other work.

During the previous four years, I have testified as an expert at trial or by deposition as shown on Exhibit "B" attached hereto.

DocuSigned by:

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Dated 2/22/2023 | 11:11 PM EST

*Josef G. Thundiyil, MD, MPH, FAAEM,
FACEP, FACMT*

Josef G. Thundiyil, MD, MPH, FAAEM, FACEP, FACMT**Curriculum Vitae****Program Director****Orlando Regional Medical Center****Department of Emergency Medicine****University of Central Florida College of Medicine****Professor, Emergency Medicine****Florida State University College of Medicine****Clinical Assistant Professor, Emergency Medicine****University of Florida College of Medicine****Clinical Assistant Professor, Emergency Medicine****Attending Physician in Emergency Medicine, Medical Toxicology, and
Occupational/Environmental Medicine****Personal:**

Home Address: Orlando, FL

Business Address: 86 W. Underwood, Suite 200
Orlando, FL 32806
(407) 237-6329

Email: josef.thundiyil@orlandohealth.com

Place of Birth: Chicago, Illinois

Citizenship: United States of America

Education:

Undergraduate: NORTHWESTERN UNIVERSITY
Honors Program in Medical Education
Evanston, Illinois
Bachelor of Arts in Sociology, 1994

Medical School: NORTHWESTERN UNIVERSITY MEDICAL SCHOOL
Chicago, Illinois
Doctor of Medicine, 1998

Residency: EMERGENCY MEDICINE RESIDENCY
Orlando Regional Medical Center
July 1998 – June 2001

Master's Degree: MASTERS OF PUBLIC HEALTH
University of California, Berkeley
Berkeley, California
May 2005

Updated 01/12/2023

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Exhibit "A"

Fellowships**MEDICAL TOXICOLOGY**

University of California, San Francisco
California Poison Control System, San Francisco Division
July 2003 - July 2006

OCCUPATIONAL AND ENVIRONMENTAL MEDICINE

University of California, San Francisco
July 2004 - June 2006

Work Experience:*Program Director*

Department of Emergency Medicine
Orlando Regional Medical Center
Orlando, FL
March 2017 - present

Associate Program Director

Department of Emergency Medicine
Orlando Regional Medical Center
Orlando, FL
July 2011 - March 2017

Assistant Program Director

Department of Emergency Medicine
Orlando Regional Medical Center
Orlando, FL
October 2008 - June 2011

Visiting Team Medical Liaison

National Football League
2018 - present

Professor of Emergency Medicine

University of Central Florida College of Medicine
July 2017 - present

Associate Professor of Emergency Medicine

University of Central Florida College of Medicine
July 2011 – July 2017

Assistant Clinical Professor, Medical Toxicology

Florida Poison Control Center
University of Florida, Shands, Jacksonville
September 2008 - present

Medical Toxicology Core Faculty

Department of Emergency Medicine
Orlando Regional Medical Center
September 2006 - present

Clinical Assistant Professor of Emergency Medicine
Florida State University College of Medicine
University of Florida College of Medicine
September 2006 – present

Clinical Assistant Professor of Emergency Medicine
University of Central Florida College of Medicine
September 2006 – 2011

Attending Emergency Department Physician
Sutter Delta Medical Center
Antioch, CA
September 2003 - May 2005

Attending Emergency Department Physician
Mt. Diablo Medical Center
Concord, CA
September 2003 - June 2006

Attending Emergency Department Physician
St. Luke's Hospital
Urban Community Hospital with annual volume near 30,000
San Francisco, CA
February 2003 - June 2006

Attending Emergency Department Physician
Flight Doctor for Whangarei Helicopter Rescue Team
Whangarei Base Receiving Hospital and Trauma Center
Rural Trauma Center
Whangarei, New Zealand
July 2002 – January 2003

Medical Director Orange County EMS System
Provided online and off-line medical direction for nearly 2,000 paramedics
and 11 Fire and EMS Agencies
Orlando, FL
July 2001 - June 2002

Attending Emergency Department Physician
Lakeland Regional Medical Center
Lakeland, FL
Adult and Pediatric Emergency Department Shifts
Level II Trauma Center with over 100,000 annual patient visits
2nd busiest ED in Florida
July 2001 – June 2002

Assistant Medical Director for Paramedic Education Program
Assistant Professor Valencia Community College
Valencia Community College
Orlando, Florida
July 2000 – July 2001

Occupational Health Physician
Orlando Regional Medical Center
Worked in primary care setting for occupational injuries
1999 – 2001

Crisis Intervention for the Mentally Ill
Janet Wattles Center, State of Illinois Mental Health Facility
1993 – 1994

Other Affiliations:

Assistant Faculty, Medical Toxicology
Florida Poison Control Center
University of Florida, Shands
Jacksonville, FL
September 2008 - present

Assistant Faculty, Pharmacy Residency
Orlando Regional Medical Center
Orlando, FL
September 2006 - present

Assistant Faculty, Pediatric Emergency Medicine Fellowship
Orlando Regional Medical Center
Orlando, FL
September 2008 - present

EMS Faculty
Orange County EMS / EMS Fellowship
Orange County, FL

Toxicology Consultant
Orange County EMS
Orange County, FL

Accreditations:

LICENSURE: Florida Board of Medicine

BOARD CERTIFICATIONS:

Diplomate: United States Medical Licensing Exam, 1999

Diplomate: American Board of Emergency Medicine
November 21, 2002; Recertified 2012, 2022

Diplomate: ABEM- Medical Toxicology
December 2006; Recertified 2016

Diplomate: American Board of Preventive Medicine
Occupational/Environmental Medicine
December 2007 – January 31, 2018

Certifications:

National Association of EMS Medical Directors, January 2002
Counter Narcotics Tactical Operations Medical Support,
September 2000
Advanced Traumatic Life Support Certified

Affiliations:

American College of Emergency Physicians
American Academy of Emergency Medicine
American College of Medical Toxicology
American College of Occupational and Environmental Medicine
Council of Emergency Medicine Residency Directors
Society for Academic Emergency Medicine
American Academy of Clinical Toxicology

Awards:

Recipient of Occupational Physician Scholarship Fund
2004-2005 & 2005-2006

Fellow of American Academy of Emergency Medicine

Fellow of the American College of Emergency Physicians
October 2009

Fellow of the American College of Medical Toxicology, 2011

Practice of Medicine Preceptor Excellence Award 2012

University of Central Florida College of Medicine
For Demonstrating Excellence in Teaching

Teacher of the Year 2012 - 2013

Department of Emergency Medicine
Orlando Regional Medical Center

Focused Individualized Research Experience (FIRE)

University of Central Florida College of Medicine
Mentor to 2013 2nd and 3rd place award winners

Teacher of the Year 2013 - 2014

Department of Emergency Medicine
Orlando Regional Medical Center

Spirit of Winnie Award 2014

For embracing culture of caring, willingness to make sacrifices, service to others, honesty, positive attitude, and commitment to highest quality of care

Council of Emergency Medicine Residency Directors Award 2014

For commitment to excellence in education and nurturing the future of Emergency Medicine through fostering the highest standards in resident education. For 5 years of dedicated service as an Associate Program Director

Teacher of the Year 2014 - 2015

Department of Emergency Medicine
Orlando Regional Medical Center

Teacher of the Year 2015 - 2016

Department of Emergency Medicine
Orlando Regional Medical Center

Certificate of Appreciation

The AACN Metropolitan Orlando Chapter
For presentation on April 11, 2017

Class of 2018 Dr. Salvatore Silvestri Award

The Florida State University COM Orlando Regional Campus
May 2, 2018

Leadership/ Community Activities:**COMMITTEES:**

Board of Directors
Florida College of Emergency Physicians
August 2022- present

Opioid Settlement Funds Advisory Committee (2022)

Unintentional Overdose Mortality Review (UOMR)
University of Central Florida
April 2021 - present

State Opioid Working Group
Appointed by Attorney General Moody
January 2019

Liaison
ACMT to CORD
March 2018 - present

CME Committee
Orlando Health
March 2017 - July 2018

Reaccreditation Subcommittee
July 2018 – present

Co-Chair, Healthcare Subcommittee
Orange County Heroin Task Force
September 2015 – February 2016

Chairman, Institutional Review Board
Orlando Health
July 2015 – present

Co-Chair. Healthcare Subcommittee of Orange County Heroin Task Force.
September 2015 - present

Orange County Heroin Task Force

Orange County Government.
September 2015 - February 2016

Curriculum Development, Medical Toxicology Subsection
Florida College of Emergency Medicine
Board Review Course
June 2015

Emergency Medicine Core Content Reviewer and Development
Section 17, Medical Toxicology
June 2015

Co-Chair, Education Committee
Florida College of Emergency Physicians
July 2015 - present

Institutional Review Board, Vice Chair
Orlando Health
October 2011 - July 2015

Institutional Review Board, Member
Orlando Health
March 2011 - present

Clinical Competency Committee, Member
Department of Emergency Medicine
Orlando Regional Medical Center
June 2008 – present

Chairman, Clinical Competency Committee
Department of Emergency Medicine
Orlando Regional Medical Center
June 2008 – March 2017

Medication Use Subcommittee
Orlando Regional Medical Center
September 2007 - present

Pharmaceuticals and Therapeutics Committee
Orlando Regional Medical Center
January 2007 – present

Publication Committee
Editor, American College of Medical Toxicology (ACMT) Newsletter
American College of Medical Toxicology
November 2006 - present

Chairman, Clinical Care Committee
Department of Emergency Medicine
Orlando Regional Medical Center

Joint resident/attending committee designed to improve patient care/ED
flow
2000 – 2001

VOLUNTEER

Physician Volunteer at Coalition for the Homeless
Orlando, FL
1999 - 2000

Volunteer at inner city schools
Discussed preventive health issues for adolescents
Los Angeles, CA
September 2000

Orange County Public Schools
Blankner Middle School Athletic Physicals
2017, 2018

Electric Daisy Carnival
Medical Volunteer
2017 to present

INTERNATIONAL:

Regional Director Africa Subcommittee
American College of Medical Toxicology
January 2009 - 2011

Organizer, American College of Medical Toxicology (ACMT) Symposium
7th Toxicology Conference in the Developing World
Sun City, South Africa
2009

Consultant, Intergovernmental Forum on Chemical Safety
World Health Organization
Geneva, Switzerland
July 2006

Content Reviewer. WHO Training Package for the Health Sector. World
Health Organization. “Children and Chemicals.” July 2006. Created by
Jenny Pronczuk, MD.

Attending Physician, Whangarei Hospital, New Zealand,
July 2002-January 2003

Emergency Flight Physician, Whangarei Base Hospital, New
Zealand, August 2002- December 2002

Medical Mission Trip, Dominican Republic, August 1999

Emergency Medicine Physician, November 1999
Melbourne, Australia, Royal Melbourne Hospital

Medical Volunteer Work
Shongwe Hospital, South Africa
April 1998

Research and Publications:

Posters:

O'Brien, JF, **Thundiyil JG**, Modica RF. The Utility of Upright Versus Lateral Decubitus Positioning in Lumbar Puncture: A Prospective Study. Abstract Published in *Icelandic Journal of Emergency Medicine*, June 2002

Silvestri S., Ralls GR., Rothrock SG, **Thundiyil JG**. The Effect of a Protocol to Limit the Number of Intubation Attempts on Intubation Success Rate by Paramedics. Abstract Published in *Prehospital Emergency Care*, January 2003

Thundiyil JG, Murphy NG, Tan J, Olson KR. Scombroid Induced Myocardial Ischemia. Poster presented at North American Congress of Clinical Toxicology, Seattle, WA. September 2004

Thundiyil JG, Anderson IB, Stuart P, Olson KR. Lamotrigine Induced Seizures. Poster presented at North American Congress of Clinical Toxicology, Seattle, WA. September 2004

Hayashi SA, **Thundiyil JG**, Flori H, Kearney TE. Acute Iron Toxicity from Accidental Intravenous Administration of an Oral Iron Preparation. Poster presented at North American Congress of Clinical Toxicology, Seattle, WA. September 2004

Thundiyil, JG, Kearney TE, Olson KR. The Evolving Epidemiology of Drug-Induced Seizures Reported to a Poison Control System. Poster presented at North American Congress of Clinical Toxicology, Seattle, WA. September 2004

Thundiyil, JG, Kalantri SP, Leeman E, et al. Arsenic Poisoning in Bangladesh: A Public Health Disaster. Poster presented at UC Berkeley Environmental Public Health Symposium, Berkeley, CA. May 2005

Thundiyil JG, Yuan Y, Smith AH, Steinmaus C. Seasonal Variation of Arsenic Concentration in Wells in Nevada. American College of Occupational and Environmental Medicine, Los Angeles, CA. May 2006

Thundiyil JG, Modica R, Silvestri S, Papa L. Are USMLE Scores Predictive of ABEM In-Training Exam Scores for Emergency Medicine Residents? Poster presentation at the 2007 Society for Academic Emergency Medicine Annual Meeting, Chicago, IL. May 16 – 19, 2007

Thundiyil JG, Christiano-Smith D, Greenberger S, Modica RF, Posey L. Dietary Knowledge and Practices in a Pediatric Emergency Department Population. Presented at 4th Mediterranean Emergency Medicine Congress. Sorrento, Italy. September 2007

Thundiyil JG, O'Brien JF, Papa L. Utility of Upright Versus Lateral Decubitus Positioning for Lumbar Puncture. Presentation at American College of Emergency Physicians Scientific Assembly, Seattle WA. October 8-11, 2007

Thundiyil JG, O'Brien JF, Papa L, Silvestri S, Wu T, Leech S, Cassidy D, Modica RF. Predictors of Failing to Match in an Emergency Medicine Residency. Poster presentation at Society for Academic Emergency Medicine Annual Meeting Washington DC. May 2008

Thundiyil JG, Rosenberg M, Greenberger S, Rawal A, Latimer J. Comparison of Broselow Versus Physician Estimate of Pediatric Weights. Poster presentation at Society for Academic Emergency Medicine Annual Meeting, Washington DC. May 2008

Thundiyil JG, Rowley, Papa L, Olson KR, Kearney T. Risk Factors for Complications of Drug-induced Seizures. Poster presentation at Society for Academic Emergency Medicine Annual Meeting, Washington DC. May 2008

Thundiyil JG, Christiano-Smith D, Greenberger S, Latimer J, Modica RF. Risk Factors for Pediatric Obesity in an Urban Pediatric Emergency Department. Poster presentation at American College of Emergency Physicians Scientific Assembly, Chicago, IL. October 2008

Rosenberg M, **Thundiyil JG**, Greenberger S, Rawal A, Latimer J. Is Physician Adjustment Of The Broselow Tape Measurement An Accurate Estimate of Pediatric Patients Weights? Poster presentation Society for Academic Emergency Medicine Annual Meeting, New Orleans, LA. May 2009

Thundiyil JG, Papa L, Freeman N, Brennan D. The Impact of Fire-Related Air Pollution on ED Admissions. Poster presentation Society for Academic Emergency Medicine Annual Meeting, New Orleans, LA. May 2009

Brennan D, **Thundiyil JG**, Ladde J, Silvestri S. Resident Evaluation - Subjective Versus Objective Measures. Poster presentation Society for Academic Emergency Medicine Annual Meeting, New Orleans, LA. May 2009

Thundiyil JG, Flach E, Negusse J, Silvestri S. Utility of the Standardized Letter of Recommendation (SLOR) to Predict Matching in an Emergency Medicine Residency. Poster presentation Society for Academic Emergency Medicine Annual Meeting, New Orleans, LA. May 2009

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Ramirez J, **Thundiyil JG**, et al. MRI Utilization Trends in a Large Tertiary Care Pediatric ED. Poster presentation at American College of Emergency Physicians, Las Vegas, NV, October 2010

Blue R, Whittle J, **Thundiyil JG**, et al. Prevalence of MRSA in Out-of-Hospital Healthcare Providers. Poster presentation at American College of Emergency Physicians, Las Vegas, NV, October 2010

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Wood A., Polozola A., Schauben J, **Thundiyil JG**, Kunisaki, Sollee D, Lewis-Younger C. Review of Eastern Coral Snake (*Micrurus fulvius fulvius*) Exposures in Florida: 1998-2010. *Clinical Toxicology* 2012; 50(7): 646-647

Ladde J, Alofs E, **Thundiyil JG**, et al. Does an Educational Video Improve the Knowledge of Pediatric Asthma Patients Visiting a Level 1 Pediatric Trauma Center Emergency Department? Poster Presentation, Society for Academic Emergency Medicine Annual Meeting, Atlanta. GA. May 2013. *Acad Emerg Med* 2013; 20(5); S165

Doyle S, Caddell E, **Thundiyil JG**. Correlation Between Opiate Prescribing Rates and State Medicaid Costs. Poster Presentation, Society for Academic Emergency Medicine Annual Meeting, Atlanta GA. May 2013. *Acad Emerg Med* 2013; 20(5); S174

Hollingworth D, Papa L, Giordano P, **Thundiyil JG**. Do Do-Not-Resuscitate Orders Affect Treatment and Interventions Performed by Emergency Physicians? Poster Presentation, Society for Academic Emergency Medicine Annual Meeting, Atlanta, GA. May 2013. *Acad Emerg Med*. 2013; 20(5); S246

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Order? Poster Presentation, Society for Academic Emergency Medicine Annual Meeting, Atlanta, GA. May 2013. *Acad Emerg Med* 2013; 20(5); S274

Weber K, Giordano P, Sanders M, Sawyer S, **Thundiyil JG** et al. Chief Complaints of Patients Testing Positive in an Emergency Department HIV Screening Program. Poster Presentation, Society for Academic Emergency Medicine Annual Meeting, Atlanta, GA. May 2013. *Acad Emerg Med*. 2013; 20(5); S277

Rodriguez A, Queen R, Silvestri S, Ladde J, **Thundiyil JG**, Cassidy DD. Introducing Resident Quality Officers: A Unique Niche for Emergency Medicine. Poster presentation at Council of Emergency Medicine Residency Directors (CORD) Academic Assembly. Ft. Lauderdale, FL. April 27 – 29, 2017

Queen R, Rodriguez A, Silvestri S, Ladde J, **Thundiyil JG**, Cassidy D, Papa L. Resident Quality Officers: A Unique Niche for Emergency Medicine. Poster presentation at Florida College of Emergency Physicians Annual Symposium by the Sea. Boca Raton, FL. August 3 – 6, 2017

Cozart A, **Thundiyil J**. Do Transcutaneous Carbon Dioxide and Oxygen Measurements Predict Severity of Illness in an Emergency Department Population? 10th Annual FIRE Research Conference. Orlando, FL. February 21, 2019

Ladde J, Chin K, Feffer C, Barfield T, Kepple K, Miller S, Hunter C, **Thundiyil J**, Papa L. End Tidal Carbon Dioxide Measured Prospectively at ED Triage Performs Better Than Standard Triage Vital Signs in Predicting In-Hospital Mortality and ICU Admission. Poster presentation at Society for Academic Emergency Medicine Southeastern Regional Meeting. February 22, 2019

Randall T, Herb B, **Thundiyil J**, Brennan D, Ladde J, Hunter C. The Impact Of Quality Initiatives On Resident Productivity and Satisfaction In The Emergency Department. Poster presentation at Orlando Health Quality Retreat. March 8, 2019

Brennan D, **Thundiyil J**, Evans A, Weber K. Comparison of Resident Productivity from 2007 to 2018 Within an Emergency Medicine Residency Training Program. Poster presentation at Society for Academic Emergency Medicine Southeastern Regional Meeting. February 22, 2019

Brennan D, Evans E **Thundiyil J**. Comparison of Resident Productivity from 2007 to 2018 Within an Emergency Medicine Residency Training Program. Poster presentation at Orlando Health Quality Retreat. March 8, 2019

Joiner D, Koplon J, **Thundiyil J**, Ladde J, Papa L, Hunter C, Ralls G. Analyzing Patients Admitted From The Emergency Department Requiring Transfer To The Intensive Care Unit Within 24 Hours. Poster presentation at Orlando Health Quality Retreat. March 8, 2019

Heine E, Shaughnessy A, Bailey D, Clemmons M, **Thundiyil J**, Ladde J. Assessing Quality In Education: Trends In Self-Learning And Correlation To In-Training Examination. Poster presentation at Orlando Health Quality Retreat. March 8, 2019

Munizza O, Weatherford T, Akujuobi I, **Thundiyil J**, Ladde J. Does A Curricular Innovation Designed To Highlight “Great Saves” Improve Resident Wellness? Poster presentation at Orlando Health Quality Retreat. March 8, 2019

Kepple K, Heine E, Williams A, **Thundiyil J**. Educational Impact of Interactive Snake Envenomation Session on Learning and Retention in Emergency Medicine Residents. Poster presentation at Orlando Health Quality Retreat. March 8, 2019

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Ladde JG, Chin K, Feffer C, Barfield T, Kepple K, Miller S, Hunter C, **Thundiyil J**, Papa L. End Tidal Carbon Dioxide Measured Prospectively at ED Triage Performs Better Than Standard Triage Vital Signs in Predicting In-Hospital Mortality and ICU Admission. Poster presentation at Orlando Health Quality Retreat. March 8, 2019

Akujuobi I, **Thundiyil J**, Hunter CL, Ladde J. Does an Educational Interactive Airway Lab Change Residents Choice of Airway and Comfort Level? Poster presentation at Council of Emergency Medicine Residency Directors (CORD). Seattle, WA. April 1, 2019

Heine E, Shaughnessy A, Bailey D, Clemmons M, **Thundiyil J**, Hunter C, Ladde J. Trends in Individualized Interactive Instruction Utilization and Correlation to In-training Examination. Poster presentation at Council of Emergency Medicine Residency Directors (CORD). Seattle, WA. April 1, 2019

Cook L, Papa L, Ramirez J, Garfunkel A, **Thundiyil J**, Ladde J, Mittal M, Zonfrillo M. Differences in Serum Biomarkers in Youth After Concussion. Poster presentation at American Medical Society for Sports Medicine Conference (AMSSM). Houston, TX April 12-17, 2019

Barneck M, Evans A, Brennan D, **Thundiyil J**, Weber K. Comparison of Resident Productivity from 2007 to 2018 Within an Emergency Medicine Residency Training Program. Poster presentation at Florida College of Emergency Physicians Annual Symposium by the Sea. Boca Raton, FL. August 2 – 4, 2019

Barneck M, Papa L, Cozart A, Lentine K, Ladde J, Nguyen L, Mayfield J, **Thundiyil J**. Correlation of End Tidal Carbon Dioxide with Transcutaneous Carbon Dioxide in ED Patients. Poster presentation at

Florida College of Emergency Physicians Annual Symposium by the Sea.
Boca Raton, FL. August 2 – 4, 2019

Barneck M, Papa L, Cozart A, Lentine K, , Ladde J, Nguyen L, Mayfield J, **Thundiyil J**. The Utility of Transcutaneous Carbon Dioxide and Oxygen Measurements to Predict Severity of Illness in the ED. Poster presentation at Florida College of Emergency Physicians Annual Symposium by the Sea. Boca Raton, FL. August 2 – 4, 2019

Bergeron B, Munizza O, Weatherford T, Akujuobi I, **Thundiyil J**, Ladde J. Does a Curricular Innovation Designed to Highlight “Great Saves” Improve Resident Wellness? Poster presentation at Florida College of Emergency Physicians Annual Symposium by the Sea. Boca Raton, FL. August 2 – 4, 2019

Black G, Heine E, Shaughnessy A, Bailey D, Clemmons M, **Thundiyil J**, Ladde J. Trends in Individualized Interactive Instruction Utilization and Correlation to In-training Examination. Poster presentation at Florida College of Emergency Physicians Annual Symposium by the Sea. Boca Raton, FL. August 2 – 4, 2019

Kepple K, Ladde J, Chin K, Feffer C, Barfield T, Miller S, Hunter C, **Thundiyil J**, Papa L. End Tidal Carbon Dioxide Measured Prospectively At ED Triage Performs Better Than Standard Triage Vital Signs In Predicting In-Hospital Mortality And ICU Admission. Poster presentation at Florida College of Emergency Physicians Annual Symposium by the Sea. Boca Raton, FL. August 2 – 4, 2019

Kittredge J, Joiner D, Koplon J, **Thundiyil J**, Ladde J, Hunter C, Papa L, Ralls G. Analyzing Patients Admitted from the Emergency Department Requiring Transfer to the Intensive Care Unit Within 24 Hours. Poster presentation at Florida College of Emergency Physicians Annual Symposium by the Sea. Boca Raton, FL. August 2 – 4, 2019

Mullins K, Akujuobi I, **Thundiyil J**, Hunter C, Ladde J. Does an Educational Interactive Airway Lab Change Residents Choice of Airway and Comfort Level? Poster presentation at Florida College of Emergency Physicians Annual Symposium by the Sea. Boca Raton, FL. August 2 – 4, 2019

Ladde J, **Thundiyil J**, Stutsman M, Little I, Papa L. Does a Change in End-tidal Carbon Dioxide Level Predict High Altitude Mountain Sickness? Poster presentation at Florida College of Emergency Physicians Annual Symposium by the Sea. Boca Raton, FL. August 2 – 4, 2019

Cook L, Ramirez J, Garfunkel A, **Thundiyil J**, Ladde J, Mittal M, Zonfrillo M. Differences in Serum Biomarkers in Youth After Concussion. Poster presentation at Florida College of Emergency Physicians Annual Symposium by the Sea. Boca Raton, FL. August 2 – 4, 2019

Thundiyil J, Koplon J, Barneck M. A Case Series of ED Admitted Patients Requiring Transfer to the ICU Within 24 Hours. ePoster at SAEM Southeastern Regional Meeting. Greenville, SC. February 21 – 22, 2020

Stutsman M, Little I, Williams A, **Thundiyil J**, Ladde J, Papa L. End Tidal Carbon Dioxide Predicts Acute Mountain Sickness Better Than Altitude. Lightning Oral accepted at 2020 Society for Academic Emergency Medicine Annual Meeting (conference cancelled due to COVID). *Acad Emerg Med*; 27(Suppl 1): S203 (Abstract 504) May 2020 **PMID 32394596**

Thundiyil J, Ladde J, Hunter C, Hill A, Papa L. Emergency Medicine Resident Appreciation of Teaching Faculty Increases with Each Post-Graduate Year. ePoster accepted at 2020 Society for Academic Emergency Medicine Annual Meeting (conference cancelled due to COVID). *Acad Emerg Med*; 27(Suppl 1): S261 (Abstract 675) May 2020 **PMID 32394596**

Barneck M, Cozart A, Nguyen L, **Thundiyil J**, Mayfield J, Lentine K, Ladde J, Papa L. The Accuracy of Transcutaneous and End Tidal Carbon Dioxide Measurements Obtained in the Emergency Department when Compared to Arterial Blood Gas Carbon Dioxide Measurements. Lightning oral presentation at SAEM Midwest Regional Meeting (Virtual Conference). September 23, 2020

Barneck M, Cozart A, Nguyen L, **Thundiyil J**, Mayfield J, Lentine K, Ladde J, Papa L. Transcutaneous carbon dioxide in conjunction with End Tidal carbon dioxide may differentiate pulmonary related diseases from undifferentiated chest pain in ED patients. Lightning oral presentation at SAEM Midwest Regional Meeting (Virtual Conference). September 23, 2020

Marcom M, Miller S, **Thundiyil J**, Ladde J, Hunter C, Papa L. The Effects of COVID-19 Pandemic on the Post Graduate Plans of Emergency Medicine Residents. Moderated Poster at Council of Emergency Medicine Residency Directors (CORD) Academic Assembly. San Diego, CA. March 26 – 30, 2022

Papa L, Rosenthal K, Cook L, Caire M, **Thundiyil JG**, Ladde JG, Garfinkel A, Braga CF, Tan CN, Ameli NJ, Lopez MA, Haeussler CA, Mendez Giordano D, Giordano PA, Ramirez J, Mittal MK, Zonfrillo MR. Concussion Severity and Functional Outcome Using Biomarkers in Children and Youth involved in Organized Sports, Recreational Activities and Non-Sport Related Incidents. *Brain Injury* 2022 (E-Pub July 30, 2022) **PMID: 35904331**

Oral:

Schaefer M, **Thundiyil JG**, Cook MD, Holmes JF, Offerman SR. Wound Botulism in Parenteral Drug Abusers: Time to Antitoxin Administration Correlates with Intensive Care Unit Length of Stay. Oral Presentation at North American Congress of Clinical Toxicology, New Orleans, LA. October 24, 2007

Thundiyil JG, O'Brien JF, Papa L, Silvestri S, Wu T, Leech S, Cassidy D. Correlation of Standardized Letter of Recommendation (SLOR) Elements with Emergency Residency Matching. Oral Presentation at Society for Academic Emergency Medicine Annual Meeting, Washington DC. May 2008

Whittle J, **Thundiyil JG**, Giordano P, Silvestri S, et al. Prevalence of MRSA in the EMS Population. Oral Presentation at Society for Academic Emergency Medicine Annual Meeting, Phoenix, AZ, June 2010

Semmons R, Weber K, Giordano P, **Thundiyil JG**, et al. Low Incidence of MRSA Colonization Among House Officers. Lightning Oral Presentation, Society for Academic Emergency Medicine Annual Meeting, Chicago, IL, May 2012

Wood A., Polozola A., Schauben J, **Thundiyil JG**, Kunisaki, Sollee D, Lewis-Younger C. Review of Eastern Coral Snake (*Micrurus fulvius fulvius*) Exposures in Florida: 1998-2010. Oral P Presentation, North American Congress of Clinical Toxicology, Las Vegas, NV. October 2012

Caddell E, Doyle S, **Thundiyil JG**. Association Between Opioid Prescribing in Florida and Statewide Morbidity and Mortality. Lightning Oral Presentation, Society for Academic Emergency Medicine Annual Meeting, Atlanta, GA. May 2013. *Acad Emerg Med*. 2013; 20(5); S330

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Gookin G, **Thundiyil JG**. The Impact of the Bugaboo Wildfires on Regional Emergency Department and Inpatient Visits. Lightning Oral Presentation, Society for Academic Emergency Medicine Annual Meeting, Atlanta, GA. May 2013. *Acad Emerg Med*. 2013; 20(5); S333

Thundiyil JG et al. POSED Study Group. Risk Factors Associated with Opioid Analgesic Prescribing in a Cross Section of 19 US Emergency Departments. Oral Presentation. American College of Medical Toxicology Annual Scientific Meeting, Clearwater, FL. March 27 – 29, 2015

Kim T, Gissendaner J, Mapp A, Brennan D, **Thundiyil J**, Evans A, Cherico A, Fredette J. Emergency Medicine Resident Productivity Over the Course of Residency Training. Lightning Oral presentation at Society for Academic Emergency Medicine (SAEM) Annual Meeting. Las Vegas, NV. May 13 – 17, 2019 *Acad Emerg Med* 26 (Suppl 1):S131 (Abstract 332); May 2019 **PMID 31009163**

Randall TJ, Herb B, **Thundiyil J**, Brennan D, Hunter C, Ladde JG. The Impact of Quality Initiatives on Resident Productivity and Satisfaction in the Emergency Department. Lightning Oral presentation at Society for

Academic Emergency Medicine (SAEM) Annual Meeting. Las Vegas, NV. May 13 – 17, 2019 *Acad Emerg Med* 26 (Suppl 1):S103 (Abstract 249); May 2019 **PMID 31009163**

Ladde JG, Chin K, Feffer C, Barfield T, Kepple K, Miller S, Hunter C, **Thundiyil J**, Papa L. End Tidal Carbon Dioxide Outperforms Standard Triage Vital Signs in Predicting Mortality and ICU Admission. Lightning Oral presentation at Society for Academic Emergency Medicine (SAEM) Annual Meeting. Las Vegas, NV. May 13 – 17, 2019 *Acad Emerg Med* 26 (Suppl 1):S51 (Abstract 99); May 2019 **PMID 31009163**

Little I, **Thundiyil J**, Ladde J, Stutsman M, Papa L. Does a Change in End-tidal Carbon Dioxide Level Predict High Altitude Mountain Sickness? Oral presentation at Society for Academic Emergency Medicine (SAEM) Annual Meeting. Las Vegas, NV. May 13 – 17, 2019 *Acad Emerg Med* 26 (Suppl 1):S79 (Abstract 178); May 2019 **PMID 31009163**

Barneck M, Cozart A, Nguyen L, **Thundiyil J**, Mayfield J, Lentine K, Ladde J, Papa L. Correlation of End Tidal Carbon Dioxide with Transcutaneous Carbon Dioxide in ED Patients. Poster presentation at Society for Academic Emergency Medicine (SAEM) Annual Meeting. Las Vegas, NV. May 13 – 17, 2019 *Acad Emerg Med* 26 (Suppl 1):S277 (Abstract 758); May 2019 **PMID 31009163**

Miller S, Ladde J, **Thundiyil J**, Papa L. Association Between Red Blood Cell Transfusions, Mortality and Abbreviated Injury Scale in Patients with Trauma. Poster presentation at 2021 Society for Academic Emergency Medicine Annual Meeting (Virtual) *Acad Emerg Med*; 28 (Suppl.1): S336-337 (Abstract 708); May 2021 doi.org/10.1111/acem.14249 **PMID: 33945187**

Weatherford T, **Thundiyil J**. Use of Lactate as a Predictor of Pediatric Submersion Injury Severity. Poster presentation at 2021 Society for Academic Emergency Medicine Annual Meeting (Virtual) May 11 – 14, 2021 *Acad Emerg Med*; 28 (Suppl.1): S65; May 2021 doi.org/10.1111/acem.14249 **PMID: 33945187**

Baba T, Nguyen L, Jamasbi A, Weatherford T, Davison J, Papa L, **Thundiyil JG**. B-Lines on Point-of-Care Chest Ultrasound are Associated with Clinical Outcomes in Pediatric Submersion Patients. Lightning Oral presentation at Society for Academic Emergency (SAEM) Medicine Annual Meeting. New Orleans, LA. May 10 – 13, 2022 *Acad Emerg Med*; 29 (Suppl.1): S63; May 2022 doi/10.1111/acem.14031 **PMID: 35578990**

Chapters/Publications:

Thundiyil JG. Lithium Toxicity. Call Us. The Official Newsletter of the California Poison Control System. Volume 1(6), November 2003 <http://www.calpoison.org>

Silvestri S, Ralls GR, Krauss B, **Thundiyil JG**, et al. The Effectiveness of Out-of-Hospital Use of Continuous End-Tidal Carbon Dioxide Monitoring

on the Rate of Unrecognized Misplaced Intubation Within a Regional Emergency Medical Services System. *Ann Emerg Med* 2005; 45(5): 497-502. **PMID: 15855946**

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Thundiyil JG, Beauchamp JK, Olson KR. Approach to Poisoning and Overdose. In Wachter LM, Goldman L and Hollander H, eds. Hospital Medicine. Philadelphia, PA: Lippincott Williams and Wilkins, 2005

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Thundiyil, JG. Halons and Freons. In Olson KR ed., Poisoning & Drug Overdose, 5th edition. San Francisco, CA: McGraw-Hill Co., 2007

Thundiyil, JG. Trichloroethane, Trichloroethylene, and Perchloroethylene. In Olson KR ed., Poisoning & Drug Overdose, 5th edition. San Francisco, CA: McGraw-Hill Co., 2007

Thundiyil JG, Anderson IB, Stuart P, Olson KR. Lamotrigine-induced Seizures in a Child: A Case Report and Review of the Literature. *Clinical Toxicology*. 2007; 45(2): 169-172. **PMID: 17364635**

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Thundiyil JG, Solomon GM, Miller MD,. Transgenerational Exposures: Persistent Chemical Pollutants in the Environment and Breast Milk. *Pediatric Clinics of North America*. 2007; 54(1): 81-101. **PMID: 17306685**

Thundiyil JG, Yuan Y, Smith AH, Steinmaus C. Seasonal Variation of Arsenic Concentration in Wells in Nevada. *Environmental Research*. 2007 Jul; 104(3): 367-373. **PMID: 17459366**

Giordano PA, Lyon C, Wu T, **Thundiyil JG**, Weber K, Falk J. Board Review Questions in Emergency Medicine. Resident & Staff Physician 53(5), May 2007

Thundiyil J, Ladde J, Leech S, Weber K, Giordano P. Board Review Questions: Emergency Medicine. *Resident and Staff Physician*. www.residentandstaff.com/issues/articles/EMreview2008.asp

Thundiyil JG, Stober J, Besbelli N, Pronczuk J. Acute Pesticide Poisoning: a Proposed Classification Tool. *Bulletin of the World Health Organization*. 2008 Mar 86(3): 205-209. **PMID: 18368207**

Thundiyil JG, Modica R, Silvestri S, Papa L. Are USMLE Scores Predictive of ABEM In-Training Exam Scores for Emergency Medicine Residents? *J Emerg Med*; 2010 Jan;38(1):65-9. **PMID: 18950974**

Modica RF, **Thundiyil JG**, Chou C, Diab M, Von Scheven E. Teaching Musculoskeletal Physical Diagnosis Using a Web-Based Tutorial and Pathophysiology-Focused Cases. *Med Educ Online*. 2009 14(13). **PMID: 2016527**

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Balmes J, Harber J, Talmadge K, **Thundiyil JG**, Harber P, Seward J, et al. Low Prevalence of Chronic Beryllium Disease Among Workers at a Nuclear Weapons Research and Development Facility. *Journal of Occupational Environmental Medicine* 2010 Jun; 52(6): 647-652. **PMID: 20523233**

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Semmons R, **Thundiyil JG**. Hallucinogens. Chapter in Kazzi and Shih et al (eds). The AAEM/RSA Toxicology Handbook, Second Edition. United Press; 2011

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Rosenberg M, Greenberger S, Rawal A, Latimer J, **Thundiyil JG**. Comparison of Broselow Tape Measurements versus Physician Estimations of Pediatric Weights. *American Journal of Emergency Medicine* 2011 Jun; 29(5):482-488. **PMID: 20825816**

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Thundiyil JG. Why Antibiotics, Blood Thinners & Diabetes Medication May Lead to a Trip to the ER. Orlando Health Blog. May 25, 2017

Hunter CL, **Thundiyil JG**, Ladde J, Stone A, Miller S, Rodriguez A, Smith H, Stalbaum T, Ralls G, Silvestri S. Emergency Care at a Music Festival: A First Person Report. *Emerg Med* June 2017;248-257.

Thundiyil JG. Summer Safety Tips: 5 Ways to Make Sure You Stay Out of the ER. Orlando Health Blog. August 15, 2017

Thundiyil JG. Emergency Medicine Residency Program Director Response to the Pulse Nightclub Shooting Incident. *In: Orlando Health Disaster Response*. Online Book Chapter. April 2018.

Thundiyil J. Attorney General's Opioid Working Group. Florida's Opioid Epidemic: Recommendations & Best Practices. March 1, 2019

Thundiyil JG, Sisk ML. How Delaying Care Can Increase Your Risks. Orlando Health Blog. April 27, 2020

Barneck M, Papa L, Cozart Z, Lentine K, Ladde J, Nguyen L, Mayfield J, **Thundiyil J**. The Utility of Transcutaneous Carbon Dioxide Measurements in the Emergency Department: A Prospective Cohort Study. *J Am Coll Emerg Physicians Open* 2021 Jul 17;2(4):e12513. doi: 10.1002/emp2.12513. eCollection 2021 Aug. **PMID 34296208**

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Traumatic Brain Injury. *JAMA Network Open* 2022;5(3):e221302
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Thundiyil JG. Allergies? Here's How to Use an EpiPen. Orlando Health Blog. November 1, 2022

Thundiyil JG, O'Brien JF, Tymkowicz AE, Papa L. Is Lateral Decubitus or Upright Positioning Optimal for Lumbar Puncture Success in a Teaching Hospital? *Journal of Emergency Medicine*,
<https://doi.org/10.1016/j.jemermed.2022.09.002> **PMID: 36639325**

Invited Presentations:

Thundiyil JG. Course faculty and speaker for *TraumEd*. Assessment of the Patient with Altered Mental Status. Whangarei, New Zealand. Hosted by Whangarei Hospital. September 28th, 2002

Thundiyil JG. Course faculty and speaker for *Hot Topics in Toxicology*. Hosted by University of California, San Francisco. Oakland, CA. November 5, 2005

Thundiyil JG. Grand Rounds Presenter. Chemical Terrorism. John Muir Medical Center -Concord Campus. May 2006

Thundiyil JG. Course faculty and speaker for *Chemical Agents of Opportunity for Terrorism*. Terrorism by Fear and Uncertainty: Delayed Toxic Syndromes. American College of Medical Toxicology /EPA/ Agency for Toxic Substances and Disease Registry. San Francisco, CA, November 2005; March 2006

Thundiyil JG. Common Household Poisonings. Grand Rounds at Arnold Palmer Hospital for Children, Orlando, FL. January 2011

Thundiyil JG. Synthetic Cocaine - Bath Salts. Media interview for WKMG Orlando Channel 6. January 2011

Thundiyil JG. Synthetic Cocaine- Bath Salts video interview. CNN; January 27, 2011

Thundiyil JG. Moderator/Speaker Toxicology Subspecialty Section. Antidotes. American Academy of Emergency Medicine Annual Scientific Assembly, Orlando, FL. February 2010

Thundiyil JG. Health Effects from Radiation Release of Japanese Tsunami Damaged Nuclear Power Plants. Fox35 Orlando News Interview; March 12, 2011

Thundiyil JG. Long Term Radiation Effects. Fox35 Orlando News Interview. March 13, 2011

Thundiyil JG. Radiation Sickness Treatment. Fox 35 Orlando News Interview. March 14, 2011

Thundiyil JG. Course Organizer. Oil and Water: The Role of Toxicology in Disaster Response. Co-Sponsored by American College of Medical Toxicology and Agency for Toxic Substances and Disease Registry. Clearwater Beach, FL. March 17, 2011

Thundiyil JG. Toxicity of Air Pollution: Particulate Matter and Public Health. American College of Medical Toxicology Spring Conference. Tots, Teens, and Toxicology. Clearwater Beach, FL. March 18, 2011

Thundiyil JG. Synthetic Bath Salts. WFTV/ABC. April 21, 2011

Thundiyil JG. Rising Blood-Alcohol Levels in Drivers. Orlando Sentinel. May 27, 2011

Thundiyil JG. Interaction of Alcohol and Medications. WKMG Orlando Channel 6. August 31, 2011

Thundiyil JG. Narcotic Abuse in Orlando. WFTV Orlando Channel 9. December 6, 2011

Thundiyil JG. Media Release with Mayor Teresa Jacobs and Florida Hospital regarding prescription drug policy for Orlando hospitals. January 18, 2012.

Thundiyil JG. Real Time Feedback: Coaching Residents to Their Personal Best. Council of Emergency Medicine Residency Directors Academic Assembly, Atlanta GA. April 1 - 4, 2012

Thundiyil JG. Moderator for Council of Emergency Medicine Residency Directors Academic Assembly Research Poster Symposium. Atlanta, GA. April 1 – 4, 2012

Thundiyil JG. Course Faculty and Speaker. Prehospital Toxicology: Life Saving Tips. Pediatric Neonatal Education Program. Florida Hospital, Orlando, FL. April 2012.

Thundiyil JG. Bath Salts. Fox 35. June 5, 2012

Thundiyil JG. Bath Salts. Fox35. June 14, 2012

Thundiyil JG. Toxins in School Supplies, WKMG Orlando Channel 6, 2012

Thundiyil JG. Coral Snake Antivenin Set to Expire. WKMG Orlando Channel 6, October 4, 2012

Thundiyil JG. The Largest Mass Poisoning in the World: Arsenic Toxicity in Bangladesh. University of Central Florida College of Medicine Global Health Conference 2012-2013, Orlando, FL.

Thundiyil JG. Informed Families. The Florida Family Partnership. Lock Your Meds. Webinar. Prescription for Disaster: Prescription Drug Abuse in Florida. January 24, 2013

Thundiyil JG. Carcinogens and Children's Pajamas. WKMG Orlando Channel 6

Thundiyil JG. Carcinogens in the Household. WKMG Orlando Channel 6

Thundiyil JG. New Street Drugs: Kratom. WKMG Orlando Channel 6

Thundiyil JG. Academic Career Considerations. Emergency Medicine Life after Residency Workshop, Orlando, FL. September 24 – 25, 2013

Thundiyil JG. Cocamide DEA and Potential Carcinogenic Risks. WKMG Orlando Channel 6

Thundiyil JG. Risk of E-cigarette Toxicity in Children. WKMG Orlando Channel 6. March 31, 2014

Thundiyil JG. Academic Career Considerations. Emergency Medicine Life after Residency Workshop, Orlando, FL. September 30 – October 1, 2014

Thundiyil JG. Trichloroacetic Acid in Chemical Skin Peels. WKMG Orlando Channel 6. November 10, 2014

Thundiyil JG. Any Given Sunday. Orlando Sentinel Online. November 18, 2014

Thundiyil JG. Prescription Drug Monitoring Programs - Big Brother or Guiding Light. Panel Discussant. American College of Medical Toxicology Annual Scientific Meeting, Clearwater, FL. March 27 – 29, 2015

Thundiyil JG. Food Toxicology: Genetically Modified Foods and Human Health. American College of Medical Toxicology Annual Scientific Meeting, Clearwater, FL. March 27 – 29, 2015

Thundiyil JG. Clinical Toxicology Workshop. 53rd Annual Weil Critical Care and Emergency Medicine Conference. Las Vegas, NV. April 2015

Thundiyil JG. Emerging Street Drugs. 53rd Annual Weil /UC San Diego Symposium on Critical Care and Emergency Medicine. Las Vegas, NV. April 8 – 12, 2015

Thundiyil JG. Drug Induced Seizures. 53rd Annual Weil /UC San Diego Symposium on Critical Care and Emergency Medicine. Las Vegas, NV. April 8 – 12, 2015

Thundiyil JG. Approach to the Poisoned Patient. 53rd Annual Weil /UC San Diego Symposium on Critical Care and Emergency Medicine. Las Vegas, NV. April 8 – 12, 2015

Thundiyil JG. Dangers of Synthetic Hallucinogens. Orlando Sentinel. April 2015

Thundiyil JG. Flakka in Florida. WDBO Radio. June 19, 2015

Thundiyil JG. Flakka in Florida. WFTV Orlando Channel 9. July 2015

Thundiyil JG. Summer Injury Prevention. Orlando Sentinel. July 2015

Thundiyil JG. Promising Practices in the Fight Against Heroin. Orange County Heroin Task Force. Presenter to Community Members, Government, Law Enforcement, and Mayor. Orlando, FL. October 2015

Thundiyil JG. Heroin's Local Impact. Orange County Drug Abuse Summit. Winnie Palmer Hospital for Women and Babies, Orlando, FL. October 29, 2015

Thundiyil JG, Ladde J. Real Time Feedback: Coaching Your Students to Their Best. University of Central Florida College of Medicine, Faculty Development. Orlando, FL. June 29, 2016

Thundiyil JG. New Street Drugs of Abuse. Emergency Medicine Learning and Resource Center ClinCon Conference, Orlando, FL. July 14, 2016

Thundiyil JG. Toxicology: What you Need to Know for the Boards. Florida College of Emergency Physicians Written Board Review Course. Orlando, FL. August 25, 2016

Thundiyil JG. The New Heroin Epidemic. Emergency Medicine Learning and Resource Center Street Drug Webinar Series. Orlando, FL. September 22, 2016

Thundiyil JG. Street Drugs: The Good, the Bad and the Dangerous. Metro Orlando AACN Chapter (MOC). Orlando, FL. April 11, 2017

Thundiyil JG. A Brown Recluse Spider Bite Left a Hole in Singer Meghan Linsey's Face. Interview in *SELF* Magazine April 17, 2017

Thundiyil JG. Emerging Street Drugs and the Opioid Epidemic - The Good, The Bad, The Dangerous. Medical Leadership Conference. Orlando, FL. May 11, 2017

Thundiyil JG. Opioid Addiction...What Can We Do About It? Panel Discussion. Tiger Bay Country Club / The Country Club of Orlando. Orlando, FL. May 23, 2017

Thundiyil JG. Street Drugs – A Best Practices Review. Emergency Medicine Learning and Resource Center ClinCon Conference, Orlando, FL. July 13, 2017

Thundiyil JG. Central Florida Spotlight: The Opioid Crisis. WFTV Orlando Channel 9. July 23, 2017

Thundiyil JG. Toxicology – What You Need to Know for the Boards. Emergency Medicine Learning and Resource Center Written Board Review Course. Orlando, FL. August 22, 2017

Thundiyil JG. Opioid and Heroin Addiction Task Force Meeting. Seminole County Office of Emergency Management (EOC). Sanford, FL. August 25, 2017

Thundiyil JG. Prescribing Opioids Safely. University of Central Florida College of Medicine. Lake Nona, FL. October 20, 2017

Thundiyil JG. #OrlandoUnited: Coordinating Medical Response to the Pulse Nightclub Shooting. WACEP 2018 Spring Symposium. Madison, WI. March 15, 2018

Thundiyil JG. Lessons Learned from Tragedy: Mass Shooting Events and the Learning Environment. Panel Discussion. Council of Emergency Medicine Residency Directors (CORD). San Antonio, TX. April 22, 2018

Thundiyil JG. Opioid Epidemic: ER Dr. Perspective. The Philips Phile/WTKS. May 2, 2018.

Thundiyil JG, Falk JL, Wohl A. Safe Opioid Prescribing for Acute Pain. Mandatory education for HB21: the Controlled Substances Bill. Emergency Medicine Learning & Resource Center. / Florida Board of Pharmacy. June 14, 2018.

Thundiyil JG. Firework Eye Injury? Here's What to Do. Orlando Sentinel. July 3, 2018.

Thundiyil JG. Prescribing Opioids Safely. 9th Annual Orthopedic Educational Summit. Orlando, FL. July 14, 2018

Thundiyil JG. Prescribing Opioids Safely. 2018 SCP Medical Leadership Conference. Orlando, FL. August 30, 2018

Thundiyil JG. Opioid Crisis. Moira's Mixed Company, News Radio 93.1 WFLA. September 21, 2018

Thundiyil JG. Effective Management of Opioid Abuse. Street Drugs in the Sunshine State Webinar Series. Emergency Medicine Learning & Resource Center. September 28, 2018

Thundiyil JG. Street Drugs. South Seminole Hospital Grand Rounds. Longwood, FL. October 24, 2018

Ladde J, **Thundiyil J.** Giving Real-Time Feedback to Students: Coaching Your Students to Their Persona Best. Council of Emergency Medicine Residency Directors (CORD). Seattle, WA. April 1, 2019

Thundiyil J. Orlando Doctor Weighs in on US Vaping-Related Deaths. WKMG Orlando Channel 6. September 26, 2019

Thundiyil J. Vaping-related illnesses pop up in Central Florida. Treating it is 'Like weathering a hurricane,' doctor says. Orlando Sentinel. October 8, 2019

Thundiyil J. It Impacts Us All – A Documentary on Opioids. October 2019.

Thundiyil JG. Tobacco Use in Florida Schools Doubles; What's Being Done to Snuff Out the Trend. WFTV Orlando Channel 9. February 12, 2020

Thundiyil JG, Bridges J. CVS Opioid Education – Tour and Training Event for CVS Representatives and Orlando Health Foundation. Orlando, FL. February 17, 2020

Thundiyil JG, Bridges J. Buprenorphine and the Controversies of MAT in the Opioid Epidemic. Street Drugs in the Sunshine State Webinar Series. Emergency Medicine Learning & Resource Center. February 24, 2020

Thundiyil JG. Novel Synthetic Drugs & Buprenorphine. South Seminole Hospital Grand Rounds. Longwood, FL. March 4, 2020

Thundiyil JG. The COVID-19 Pandemic: Implications On Occupational Health. Webinar for Workers Compensation and Occupational Health Group by Hurley Rogner Workers Compensation Firm. April 3, 2020

Thundiyil JG. Florida ER Visits Plummet, Virus Scares Patients From Care. Interviewed by US & World News, San Francisco Chronicle. May 12, 2020

Thundiyil JG. Ask a Doctor: Heat Precautions. WKMG Orlando Channel 6. June 30, 2020

Thundiyil JG. CDC Says States No Longer Have To Track Lung-Related Injuries Caused By E-Cigarettes. WFTV Orlando Channel 9. July 15, 2020

Thundiyil J. Buprenorphine and Medication-Assisted Treatment.

AnchERs Podcast. September 1, 2020

Thundiyil J. Opioids. Bayfront Health St. Petersburg – Orlando Health. December 17, 2020

Thundiyil J. Staying Safe in the Heat. WFTV Orlando Channel 9. May 28, 2021

Thundiyil J. Managing Opioid Addiction: The Epidemic Within our Pandemic. Medical Leadership Conference 2021. August 31, 2021

Thundiyil J. Managing Opioid Addiction Podcast. October 7, 2021

Thundiyil J. Clearing the Smoke on Self Medication: Medical Marijuana, CBD, and Kratom. Medical Leadership Conference 2022. Orlando, FL. May 4, 2022

Thundiyil J. Identifying Fellowship and Academic Opportunities. Life After Residency. Orlando, FL May 5, 2022

Thundiyil JG. Orlando Health Doctor Sees Explosion of Diversity in Health Care. WKMG Orlando Channel 6. May 31, 2022

Lectures:

Preventing Medical Errors: Adverse Drug Events

Carbon Monoxide: The Silent Killer

State of the Art Approach to the Poisoned Patient

Common Household Poisonings:

What every Parent and Pediatrician Should Know

Drug Induced Seizures:

Pearls for Prevention of Morbidity and Mortality

Pitfalls in the Management of Cardiovascular Drug Toxicity

Disaster Preparedness: Chemical Terrorism

Pearls in Interpreting EKG's: A Toxicologists Viewpoint

Optimal Study Design for Epidemiologic Studies

Recent Advances in the Treatment of Toxic Alcohol Poisoning

Acetaminophen Toxicity- the Unsuspected Killer

Great Saves: Toxicology Case Conference

#Orlando United: Coordinating Medical Response to the Pulse Nightclub

Shooting.

Prescribing Opioids Safely

Clinical Trials/ Grants

Health Equity Advisory Committee for Florida Blue Health Equity Grant

BCBS Opioid Grant

BCBS DEI Grant

Florida College of Emergency Physicians Matching Grant –EMS: Street Drugs in the Sunshine State. 2018 - 2021

CVS Health Opioid Education Grant 2020

Florida College of Emergency Physicians Matching Grant –EMS: Street Drugs Webinar Series. 2016 - 2018

Subinvestigator. NIH-Sponsored Biomarkers of Mild and Moderate Traumatic Brain Injury Study. 2010

Investigator. A prospective, multi-center observational study involving patients hospitalized with complicated skin and soft tissue infections (cSSTI) for IV antibiotic therapy. The cSSTI Registry. Protocol CEFTO-SSK-4001. Ortho-McNeil Janssen Scientific Affairs,LLC. 2009

Medical Monitor. BANDIT Trial: Biomarkers of Brain Injury: Magnitude, Secondary Insults, and Outcome. Department of Defense Funded. 2008-9

Investigator. Beriplex Trial: An open-label, randomized, multicenter, Phase IIIb study to assess the efficacy, safety, and tolerance of Beriplex® P/N compared with plasma for rapid reversal of coagulopathy induced by coumarin derivatives in subjects with acute major bleeding. 2009

Investigator. Multicenter, Prospective, Randomized Controlled Study to Show Equivalence of DERMABOND PROTAPE TO DERMABOND HVD for Closure of Simple, Thoroughly Cleansed, Trauma-Induced Wounds in the Emergency Department. 2008

Investigator. SCRAPE trial: A randomized, double-blind, multicenter, placebo-controlled, Phase III superiority study to assess the safety and efficacy of topical retapamulin ointment 1%, versus placebo ointment applied twice daily for 5 days in the treatment of adult and pediatric subjects with secondarily infected traumatic lesions. 2008

Investigator. Cerexa Trial:A Phase 3, Multi-Center, Randomized, Double-Blind, Comparative Study to Evaluate the Safety and Efficacy of Ceftaroline versus Ceftriaxone, with Adjunctive Clarithromycin,in the Treatment of Adult Subjects with Community-Acquired Pneumonia. 2006

Subinvestigator, Protocol A1464-017 “A Randomized, Double-Blind, Multicenter, Comparative Phase III Study of 5-day oral BMS- 284756 vs oral Clarithromycin in the treatment of Mild to Moderate Community-acquired Pneumonia. 2001.

Subinvestigator. A Multicenter, Randomized, Double Blind Study Comparing the Clinical Effect of Intravenous Montelukast with Placebo in Patients with Acute Asthma (MK-0476). Protocol No 214-00. 2001.

Subinvestigator. A phase 3, multicenter, randomized, double-blind, controlled study to evaluate the efficacy and safety of peramivir administered intravenously in addition to standard of care compared to standard of care alone in subjects who are hospitalized due to influenza. Protocol No. BCX1812-301. BioCryst Pharmaceuticals, Inc.

Subinvestigator. A Phase 3, multicenter, randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of intravenous peramivir in subjects with uncomplicated influenza. The RELIEF study. Protocol No. BCX1812-304. BioCryst Pharmaceuticals, Inc.

Subinvestigator. Complicated Skin Structure Infection Study. A Multicenter, Double-Blind Randomized Study to Evaluate the Efficacy and Safety of Single Dose IV Oritavancin versus IV Vancomycin for the Treatment of Patients with Acute Bacterial Skin and Skin Structure Infection (SOLO I). Protocol No. TMC-ORI-10-01. U.S. IND No. 51292. EudraCT No. 2010-021424-94. November 2010.

Subinvestigator. 3M Study-05-011427. A Multi-Center, Prospective, Randomized Trial Comparing the Peripheral I.V. Catheter Complication Rates of Two Different Catheter-Stabilization Systems. June 2011.

Peer Reviewer

Journal of Medical Toxicology
Resident and Staff Physician,
Pediatric Neurology
Pharmacology and Therapeutics
Human and Experimental Toxicology
Critical Care Medicine
Society for Academic Emergency Medicine Annual Meeting Abstract
Reviewer – Council of Emergency Medicine Residency Directors
Subgroup. 2010
Invited Moderator for Council of Emergency Medicine Residency
Directors Moderated Poster Symposium, Orlando, FL. SAEM. March 2010

Council of Emergency Medicine Residency Directors. Reviewer for
abstracts for Annual Meeting, 2012

Interests/Hobbies:

EMS, International Medicine, Toxicology, Public Health
Hiking, Traveling, Surfing

References:

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Date	Case	Court	Case No	Deposition or Trial
2019	Absher v. SE Leasing	St. Petersburg	OJCC No.: 18-023129SLR	Deposition
2019	Beddia v. Claires Concrete	Orlando District	OJCC No.: 18-018522	Deposition
2019	Suastegui v. Howard	Port St. Lucie	OJCC No.: 18-028649KFO	Deposition
2020	Greer v. Ivey	US Middle District, Orlando Division	Case No.: 6:15-cv-00677-CEM-GJK	Trial
2020	Higginbotham v. Lawnwood Regional	Port St. Lucie	Case No.: 19-CA-000210AXXXAHC	Deposition/Trial
2020	Alfaro v. SE Personnel Leasing	Orlando	OJCC No.: 19-024231TAH	Trial
2020	Garcia v. Green Mountain	Orlando	OJCC No.: 19-016950TWS	Deposition
2020	Emma v. St. Lucie	Port St. Lucie	Case No.: 56201CA000152AXXXHC	Deposition
2021	Benefiel v. Wright Hardware	Clinton County Indiana	Case No.: 12C01-1601-CT-000055	Deposition
2021	Hasaballa v. South Bay Lube, Inc	Orlando	Case No.: 20-023027NPP	Deposition
2021	Martin v. SMG Worldwide Entertainment	Parish of Orleans State of Louisiana	Case No.: 2017-00823	Deposition
2021	White v. Boeing	Pensacola District	OJCC No.: CAS: 20-026721JW	Deposition
2021	Enright v. Brevard County School	Sebastian District	OJCC Case No.: 21-003015RLD	Deposition
2021	Emma Fabian v. St. Lucie Hospital	19 th Judicial Circuit Court	Case No.: 19CA000152XXXXHC	Trial Testimony
2022	Edwards v. Brevard Sheriff	Middle District of Florida Orlando Division	Case No.: 6:21-cv-00428-JA-GJK	Deposition
2022	Joseph W. Fontenot v. Union Tank Car Company	13 th Judicial District Court Evangeline Parish, Louisiana	Case No.: 78472-B	Deposition
2022	Ernesine Perdue v. Altapointe Health System	Circuit Court Mobile County Alabama	Case No.: 02-CV-2019-90139900	Deposition